

AUTOMATED KEYBOARD MOUSE SWITCH

ABSTRACT OF THE DISCLOSURE

5           A single set of input devices (keyboard, mouse, etc.)  
is employed with a plurality of data processing systems each  
having a separate display. The logical display areas for  
the displays are arranged in a contiguous array to have  
common boundaries, with an edge (e.g., a right boundary or a  
10           lower boundary) of one logical display area coinciding with  
an edge of another logical display area (e.g., a left  
boundary or an upper boundary). When a cursor controlled by  
a pointing device is moved past a logical display area  
boundary which the current active data processing system  
shares in common with another data processing system, the  
active data processing system to which input device signals  
are transmitted is automatically switched to the other data  
processing system. No manual switching or hot-key sequence  
by the user is required, and the active data processing  
20           system may be automatically switch among any of a number of  
data processing systems simply by moving the cursor across  
logical display area boundaries between the data processing  
systems.